ORK IN METAL OR
FASHIONABLE EMPLOYMENT Other Pieces in Simple Line Engraving A Plate in Repousse of High Relief smaller the silver is drawn to the required lay the work while treating the design. Copper Pot of Antique Design If a small bonbon box is the design to be liked. This can easily be prepared at attempted by the beginner 'nen the home or can be bought at a place where method of working is quite different and metal workers' tools are sold. If mixed something simpler. It is certainly less at home use one-half of Burgundy pitch work unless the ornamentation is very and one-half brick dust, and if this is too elaborate. In this event a strip of sheet hard add a little linseed oil and rosin. metal the length of the circumference of the box is cut and two circular pieces for top and bottom, though the piece for top and bottom, though the piece for the top must be a shade larger than the bettom in order to slip over the box. A place the metal on which the design has narrow strip of metal for the bend of been applied with impression paper, the cover is also necessary. First solder pressing it down well and drawing the Mustard Pot with Perforated Silver Oxidized Glass Holder Sheet Metal Powder Box the body of the box according to the di-cement up over the edge with the finger so as to hold it firmly when cooled. To HEN the novice in metal work. ing once tastes the joy of actually constructing some artistic bit of silversmithy then from that time forward the attraction of the shop made ar-Match Receiver of Silver Wire and Silver Sheet Fancy Receptacle of Beaten Brass, Bonbon Box with Perforated Cover ticle for her is forever gone. she begins to appreciate the value of becoming more and more familiar with the best methods employed by expert crafts- shelf or window ledge will do, but as one other. The beginner will find these lines of inestimable help in hammer g the such as is used in the schools for manua She will see new beauties in hand training can be bought for only \$6, it is uetal, for by following each concentric wrought silver and gold and will delve wisest to invest. It is especially con ircle in turn the work is bound to be nore or less uniform. with all the strength of her new born structed for the convenience of the enthusiasm into the fascinating study of worker, having a semicircular piece cut the work of the ancient craftsmen and out to allow the body of the craftsman to the work of the ancient craftsmen and out to allow the body of the craftsman to get close to her work, while it is fitted to be considered in hammering metal with a vise and blowpipe, both of which

Simple Designs in Hammered Silver

Once again beat the metal from the flux to assist in firmly soldering the parts rections given for soldering, add the bot- wishes to get grounded in the principles

workmanship and exquisite design. Take are constantly in demand.

the rich silver flagons and other similar vessels of olden Rome and the ancient fewelry of Egypt and Greece, each specimen of which has in it enough of inspira-

Even a visit to the Metropolitan Mu-different gauges or thicknesses. seum of Art, in New York, will prove These vary from that of ordinary writa source of immense assistance, for since ing paper to the thickest cardboard. For

specimens are precisely the sort of thing that the average girl desires to make, such as bowls, porringers, spoons, ladies, boxes and all the small silver of the table dresser.

To start with, there are several broad principles to remember in doing metal work together when soldered. A sand to remember in beating the metal to be a solder the solder design. To start with the average girl desires to make, such as bowls, porringers, spoons, ladies, boxes files, round, flat and square; several small one to sometime used for a stake. Following the lines of the circles, hammer and one very curious instrument are used in metal working. They are the snarling iron and draw plate. They are the snarling iron and draw plate of these curves, and draw plate. They are the snarling iron and draw plate they are the snarling iron and draw plate. They are the snarling iron and draw plate they are the snarling iron and draw plate. They are the snarling iron and draw plate. They are the snarli

To anneal means to heat red hot and bit later on.

To anneal means to heat red hot and cool alowly. This retempers the metal, so to anneal a silver piece on which the beginner is working, lay the metal on a red hot stove or hold in the flame of a gas lamp until brought to the bright temperature. lamp until brought to the bright temperature. Copper may be heated until it turns and bonbon boxes are all things that apa bright red color, but brass should never peal to the average girl, and the method be allowed to get beyond a cherry red of making the first two and others of With silver heat to a dull glowing red. their ilk are very similar. After annealing rinse in water and dry. Say a porringer is selected as the initia-

Don't get frightened at the sort of tools tory piece to be constructed. For this necessary for hammered silver work, take sheet metal, about 22 gauge, and on They are distinctly masculine, in that it outline a circle which shall they are distinctly associated with the than the vessel's profile. Within this cir-

struck by the hammer the result is that WHERE will I get my silver? is one of the previously flat surface becomes more outside, following the concentric circles, together. The edges of the metal to ce outside, following the concentric circles, together. The edges of the metal to ce outside, following the concentric circles, as with the left hand the bowl is constantly being turned. To finish the surface stantly being turned, To finish the surface came is a stantly being turned. To finish the surface came is a stantly being turned, the metal from the box to assist in things to constitute the previously flat surface becomes more outside, following the concentric circles, together. The edges of the metal to ce outside, following the concentric circles, together. The edges of the metal to ce outside, following the concentric circles, as with the left hand the bowl is constituted by the concentric circles. t is either stretched or contracted, and

the desired shape is secured.

a source of immense assistance, for since the time of the Hudson-Fulton celebration there one of the finest collections of hand wrought in the country. Particularly is this collection valuable to the girl at the beginning of her novitiate, for many of the specimens are precisely the sort of this means are precisely the sort of the time of the Hudson-Fulton celebration there one of the Golonia and other periods in the country. Particularly is this collection will be the market. Use the market is of metal over a wooden beats of the porringer may be the finest collections of hand wrought is about ninety of the country. Particularly is this collection valuable to the girl at the beginning of her novitiate, for many of the specimens are precisely the sort of thing there are the thickest cardboard. For the thickest cardboard. For the time of the Hudson-Fulton celebration there one of the finest collections of hand wrought ship to the finest collections of hand wrought ship to the market. Silver of the Colonial and other periods in the country. Particularly is this collection valuable to the girl at the beginning of her novitiate, for many of the specimens are precisely the sort of thing the finest collections of hand wrought ship the repect the light in the flame, using slight in the cultrification of a simple design a forth in the flame, using slight in

tion to carry even the more staid and unimaginative student into an appreciation of really good art.

shop where metal workers' tools are sold, and it comes already rolled, for the continual beating around in increasing face planish it with a hammer made for camel's hair brush may be used. The third the purpose over a polishing stake also parts together with binding wire. Pick venience of the worker, in about thirty almost round. Experience will tell when constructed especially for this operation, up small pieces of solder, dip in boca constructed especially for this operation. This leaves the surface covered with water and place at intervals along the To make the porringer, place the cir-brilliant facets which reflect the light in joint. Heat in the flame, using slightly

om and complete the top in the same of metal working there are schools where

Of course the matter of ornamentation says, it is by thinking and trying, not by s one of favor, some preferring the plain being shown, that one learns to produce oblished surface of the metal, others reanything valuable. If a girl is contented

ousse work in high or low relief, chasing to begin by doing the simple things well oussé is most admired. This means-in ever. As in design a complicated pattern

Pitch offers the moderate resistance best

prevent the pitch from sticking dip the fingers first in water. With a ball headed tool and mallet beat out the design before the pitch has wholly cooled. To remove when finished heat the pitch and clean

If low relief is desired, then the pattern is brought into relief by beating

down the background. In the case of a vessel which cannot be laid on the pitch

block it must be filled with pitch and the

Nothing is more effective for the tons

of powder boxes or for trays of various

which entered largely into the old Ger-

man work, especially that done in Nurem-

berg. In the case of soft metal the de-

signs can be cut from the silver by simply

using common shears or a boy's fretsaw.

If difficulty is experienced in cutting out

the corners simply lay the metal on a

small anvil—a common flatiron may be used instead of the anvil—and with a

With care and patience there is no rea-

on why a good piece of work should not

be turned out at the first trial. If a girl

she can do this, though, as one expert

cold chisel cut out the difficult places.

escriptions than the perforated designs

the work with petroleum.

work done on a sandbag.

anyamount of hammering on metal makes any other operation in metal work, as any other operation in metal work, seems rather complicated to the novice, but tell and rather than the same and pitch block and pitch block on hold the elbow close to the side and let solder the divisions together.

To attach the handle to the poringer brace and struck by a naminer just above this point allows the other to vision to place the metal while working the movement be from the wrist.

To attach the handle to the poringer brace and struck by a naminer just above this point allows the other to vision to place the metal while working the movement be from the wrist.

To attach the handle to the poringer brace going the same mather that material this year. Music rolls the movement be from the wrist.

After annealing and cooling turn the bowl and beat from the inside, working bend at right angles to the handle and along necked bottle or other vessel which tals to form a flux in soldering.

No doubt all this sounds like Greek to the bowl.

Seems rather complicated to the novice, the average girl. Who has heretofore brace and struck by a naminer just the movement be from the wrist.

To attach the handle to the poringer brace going the movement be from the wrist.

To attach the handle to the poringer brace going the same mather to vision to the handle and above this point allows the other to vision the movement be from the wrist.

To attach the handle to the poringer brace going the same mather to vision to the same mather to vision the mather in this year. Music rolls brace gently. By inserting this end into the opposite end, a long necked bottle or the handle and above this point allows the other to vision the mather in the vise and struck by a naminer just the moving the mather in the vise and struck by a naminer just the moving the mather in the vise and struck by a naminer just the moving the mather in the vise and struck by a naminer just the moving the mather in the vise and struck by a naminer just the moving the mather in thi

but it is all very simple once the process, but ceris known.

It the bown gets out of the brind. It the bown gets out o tals ground up with water are used as a through which from the largest to the and from this piece she can fashion any est bags many have a stiff frame. For number of attractive presents for those an opera bag or any kind of a shopping to whom only small remembrances are to bag the stiff frame is often preferred. be sent, as well as to the few who are to Powder boxes, hatpin cases, hairpin

receive the larger gifts. boxes, appurtenances for the writing The Oriental pattern is to be had m table, book racks and book covers, veil bright colors, with threads of gold or sil- cases, handkerchief cases, even card ver, with a subdued tone at the same cases, are now all made in the Oriental time which gives an illusion of the an- pattern brocade, with its threads of gold lique. This brocade is only to be had in and silver interwoven, instead of the ordiouble width, but, while expensive at nary silk brocade which was used so

NE of the first duties of the them in her room if it be possible. If little sets are to be had in pretty china, are thought, there are so many different widely only a year ago.

And this brocade which was used so daughter of the house should be she is fond of reading there will be books consisting of a tray, candlestick and match things that can be evolved from the one on her bed table—poetry, new novels, his-safe, with a small water pitcher and glass piece that in the end the cost is very little. for the ice water that must be left in the For an older woman nothing is so ac- decoration, has now invaded the world ceptable as a large workbag. Lined with of dress. A large pillow muff bordered they are distinctly associated with the flow the standard with the flow the standard with the flow that the flow the standard control of the standard with the flow that t work of men, but when familiar with cle mark with a compass many smaller them they seem quite as harmless and simple as darning needle and bodkin.

It is not always possible to pack in a trunk or suit case the tiny pillow upon bag will be used for keeping the different be made by any girl who will take the trunk or suit case the tiny pillow upon bag will be used for keeping the different be made by any girl who will take the trunk or suit case the tiny pillow upon bag will be used for keeping the different be made by any girl who will take the parts of a knitted afghan or a piece of time to fashion a prettily shirred sation in size from the outer circle to one an inch more quickly be made to feel that will be many letters to be written to her It is not always possible to pack in a old gold or bright blue satin, a brocade all around with a band of fur can easily

SOCIAL AMENITIES

SCHOOL GIRL

ways ready for urancy at a tories-whatever she cares most for.

for the ice water that must moment's notice. A visitor can If she is leaving home for long there guest room each evening.